DECLARATION AND POWER OF ATTORNEY FOR PATENT APPLICATION

As	s a below named	inventor, I he	reby declare that:				
Μs	residence, po	st office addre	ss and citizenship are as state	d below next to my name;			
ar	ia joint invent	he original, fir or (if plural na on the invention	ames are listed below) of the s	one name is listed below) or an original, first ubject matter which is claimed and for which a			
C	ODING AND ST	ORAGE OF PHO	NETICAL CHARACTERISTICS C	F STRINGS			
tl	the specification of which (check one)						
	is attached	hereto.					
	X was filed	on 21 December	2000 as International Busines	s Machines Docket No. DE9-1999-0085			
an	d was amended	on	(if applicable)				
I sp	I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.						
I tł	I acknowledge the duty to disclose information which is material to the patentability of this application in accordance with Title 37, Code of Federal Regulations, Section 1.56.						
or of Ur fo ap	: §365(b) of fany PCT In nited States preign appli	any foreign ternational a , listed belo cation for pa	application(s) for paten application which designa ow and have also identifi atent or inventor's certi	le 35, United States Code, \$119(a)-(d) t or inventor's certificate, or []365(a) ted at least one country other than the ed below, by checking the box, any ficate, or PCT International he application on which priority is			
Pr	ior Foreign App	olication(s)		Priority Claimed			
	99125463.2	EP	21 / Da marris arr / 1 0 0 0				
	(Number)	(Country)	21/December/1999 (Day/Month/Year Filed)	X Yes No			
		•	(= 32, 333 33, = 242 2 2 2 2 3 3,				
<u>.</u>	(Number)	(Country)	(Day/Month/Year Filed)	Yes No			
	(Number)	(Country)	(Day/Month/Year Filed)	Yes No			
ΙÌ	hereby claim th	e benefit under	35 U.S.C. §119(e) of any Unite	d States provisional application(s) listed below.			
(Ap	oplication Numb	er)	(Filing Date)	_			
(Ap	oplication Numb	er)	(Filing Date)	-			

I hereby claim the benefit under 35 U.S.C. §120 of any United States Application(s), or §365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States, or PCT International application in the manner provided by the first paragraph of 35 U.S.C. §112, I acknowledge the duty to disclose information material to the patentability of this application as defined in 37 CFR [1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

(Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned)

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(Application Serial No.)	(Filing Date)	(Status) (patented, pending, abandoned)
statements made on information statements were made with the are punishable by fine or imp	on and belief are belie knowledge that willf prisonment, or both, willful false statemen	of my own knowledge are true and that all ieved to be true; and further that these ful false statements and the like so made under Section 1001 of Title 18 of the nts may jeopardize the validity of the
POWER OF ATTORNEY: As a name agent(s) to prosecute this agentamark Office connected the second connected co	oplication and transac	appoint the following attorney(s) and/or ct all business in the Patent and nd registration number).
(Reg. 26,914), Edward A. Penn Redmond, Jr. (Reg. 18,753), I 39,966), Douglas W. Cameron (I Underweiser (Reg. 46,134), St 32,053), Louis J. Percello (I (Reg. 43,303), Robert P. Tass and Derek S. Jennings (Reg. 1	nington (Reg. 32,588) Richard M. Ludwin (Reg Reg. 31,596), Louis P tephen C. Kaufman (Reg Reg. 33,206), Robert N sinari, Jr. (Reg. 36,0 No. 41,473)	ne (Reg. 35,082), Christopher A. Hughes, John E. Hoel (Reg. 26,279), Joseph C. g. 33,010), Marc A. Erlich (Reg. Herzberg (Reg. 41,500), Marian g. 29,551), Daniel P. Morris (Reg. M. Trepp (Reg. 25,933), Gail H. Zarick 030), Paul J. Otterstedt (Reg. 37,411)
Send Correspondence to: FERENCE & A	ASSOCIATES, 129 Oakhurst Ro	oad, Pittsburgh, PA 15215
Direct Telephone Calls to: (name and	d telephone number) Stanle	ey D. Ference III, (412) 781-7386
Thomas Boehme Full name of sole or first in	nventor	
Inventor's Signature	•	Date
Sofienweg 4, D-70771 Leinfel Residence	den-Echterdingen, GER	MANY

Same as above

German Citizenship

'n.j

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(Application Serial No.) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) (Application Serial No.) (Filing Date) (Status) (patented, pending, abandoned) I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so mad are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that willful false statements may jeopardize the validity of the application or any patent issued thereon. POWER OF ATTORNEY: As a named inventor I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith (list name and registration number). Manny W. Schecter (Reg. 31,722), Lauren C. Bruzzone (Reg. 35,082), Christopher A. Hughes (Reg. 56,914), Edward A. Pennington (Reg. 32,588), John E. Hoel (Reg. 26,279), Joseph C. Redmond, Jr. (Reg. 18,753), Richard M. Ludwin (Reg. 33,010), Marc A. Erlich (Reg. 39,966), Douis P. Herzberg (Reg. 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,966), Douis P. Herzberg (Reg. 41,500), Marian Underweiser (Reg. 46,134), Stephen C. Kaufman (Reg. 29,551), Daniel P. Morris (Reg. 32,053), Louis J. Percello (Reg. 33,206), Robert M. Trepp (Reg. 25,933), Gail H. Zarick (Reg. 33,303), Robert P. Tassinari, Jr. (Reg. 36,030), Paul J. Otterstedt (Reg. 37,411) and Derek S. Jennings (Reg. No. 41,473) Send Correspondence to: FERENCE & ASSOCIATES, 129 Oakhurst Road, Pittsburgh, PA 15215 Direct Telephone Calls to: (name and telephone number) Stanley D. Ference III, (412) 781-7386 Thomas Boehme Full name of sole or first inventor Therefore as above			
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Thomas Boehme Full name of sole or first inventor Inventor's Signature Sofienweg 4, D-70771 Leinfelden-Echterdingen, GERMANY Residence German Citizenship			
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Full name of sole or first inventor Inventor's Signature Sofienweg 4, D-70771 Leinfelden-Echterdingen, GERMANY Residence German Citizenship		nd telephone namel, some	
Inventor's Signature Sofienweg 4, D-70771 Leinfelden-Echterdingen, GERMANY Residence German Citizenship	Thomas Boehme Full name of sole or first	inventor	
Sofienweg 4, D-70771 Leinfelden-Echterdingen, GERMANY Residence German Citizenship			
Residence German Citizenship	Inventor's Signature		Date
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Citizenship	Residence		
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	Same as above		

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